

AMENDMENTS IN THE CLAIMS

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1. (Currently amended) A kit for determining feline blood type, comprising:
 - (a) a substrate ~~member for facilitating~~ which allows contact between at least one monoclonal antibody and a feline blood sample; and,
 - (b) a mixture of a first monoclonal antibody and a second monoclonal antibody placed in contact with said substrate ~~member~~, whereby each said antibody recognizes at least one feline blood group specific A antigen.
 2. (Currently amended) The kit of Claim 1 wherein said first or said second ~~one~~ monoclonal antibody in said mixture recognizes glycolipid A antigen (NeuGc)₂G_{D3}.
 3. (Currently amended) The kit of Claim 1 wherein ~~one~~ said first or said second monoclonal antibody in said mixture recognizes glycolipid A antigen comprising (NeuGc)G_{T3}, or (NeuGc) containing gangliosides.
 4. (Original) The kit of Claim 1, wherein said first monoclonal antibody is a 13G3 antibody.
 5. (Original) The kit of Claim 1 wherein said second monoclonal antibody is 4E10 antibody.
 6. (Original) The kit of Claim 3 wherein said monoclonal antibody is present in solution at a concentration equal to between 34 µg/ml and 136 µg/ml.
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7. (Original) The kit of Claim 2 wherein said monoclonal antibody is present in solution at a concentration equal to between 64 µg/ml and 256 µg/ml.
 8. (Original) The kit of Claim 1 wherein said antibody mixture has been lyophilized.

9. (Currently amended) The kit of Claim 1 wherein said substrate ~~member~~ is selected from the group consisting of cards ~~members~~ and test tubes.

10. (Original) The kit of Claim 1 wherein said kit comprises an agent which agglutinates with blood type B.

11. (Original) The kit of Claim 11 wherein said agent is a lectin from *Triticum vulgaris*.

12. (Currently amended) A method for typing feline blood samples comprising:

(a) collecting a blood sample from a feline subject;

(b) dispensing an amount of the blood sample into a substrate ~~member~~, which ~~includes facilitates contact between~~ a mixture of a first monoclonal antibody and a second monoclonal antibody, with each said antibody ~~recognizing~~ agglutinates feline blood group A specific antigens; and,

(c) examining the blood sample and antibody mixture to determine whether the sample agglutinated.

13. (Currently Amended) The method of Claim 12 wherein between 50 μ l and 100 μ l of the blood sample, which is collected in ~~EDTA~~ ethylene diaminetetracetic acid, from the feline subject to be typed, is added to said substrate ~~member~~.

14. (Currently Amended) The method of Claim 12 wherein ~~one~~ said first or said second monoclonal antibody in said mixture recognizes glycolipid A antigen (NeuGc)₂G_{D3}.

15. (Currently Amended) The method of Claim 23 wherein said ~~13 G3~~ first or second monoclonal antibody, which recognizes glycolipid A antigen (NeuGc)G_{T3} is present in a concentration equal to between 34 μ g/ml and 136 μ g/ml.

16. (Currently Amended) The method of Claim 12 wherein said ~~4E10~~ first or second monoclonal antibody, which recognizes glycolipid A antigen (NeuGc)₂G_{D3} is present in a concentration equal to between 64 µg/ml and 256 µg/ml.

17. (Currently Amended) The method of Claim 12 wherein said blood sample is mixed with said antibody mixture in an amount ~~sufficient to observe~~ wherein agglutination can be observed.

18. (Currently Amended) A method of using monoclonal antibodies to type feline blood, comprising: contacting a sample of feline blood with a mixture of murine monoclonal antibodies wherein at least one of said antibodies recognizes agglutinates glycolipid A antigen (NeuGc)₂G_{D3}, and at least one of said antibodies other monoclonal antibody recognizes agglutinates glycolipid A antigen (NeuGc)G_{T3}, or (NeuGc) containing gangliosides and determining feline blood type based on agglutination or the absence of agglutination.

Claims 19 – 21 (cancelled)

22. (Currently Amended) A kit for determining feline blood type, comprising a substrate ~~member for facilitating~~ which allows contact between a monoclonal antibody mixture comprised of two ~~separate~~ monoclonal antibodies and a feline blood sample, said mixture comprised of a first monoclonal antibody which recognizes glycolipid A antigen (NeuGc)₂G_{D3}, and a second monoclonal antibody which recognizes glycolipid A antigen (NeuGc)G_{T3}, or (NeuGc) containing gangliosides, whereby said first antibody is present in a concentration equal to between 64 µg/ml and 256 µl/ml, and said second antibody is present in a concentration equal to between 34 µg/ml and 136 µg/ml.

23. (New) The method of Claim 12 wherein said first or said second monoclonal antibody in said mixture recognizes glycolipid A antigen (NeuGc)G_{T3}.